

Listing of claims:

1. (canceled)
2. (canceled)
3. (currently amended) The combination ~~roof structure~~ of claim 14 ~~[[2]]~~, wherein the distal edges upwardly extend~~[[s]]~~ from the collector ~~each flange~~ at an angle of about 90 to 175 degrees.
4. (currently amended) The combination ~~roof structure~~ of claim 14 ~~[[2]]~~, wherein the distal edges upwardly extend~~[[s]]~~ from the collector ~~each flange~~ at an angle of about 125 to 145 degrees.
5. (canceled)
6. (currently amended) The combination ~~roof structure~~ of claim 14 ~~[[2]]~~, wherein the collector has a depth greater than a ~~the~~ maximum expected deflection of the roof structure ~~support~~.
7. (currently amended) The combination ~~roof structure~~ of claim 14 ~~[[2]]~~, wherein the distal edges ~~is~~ are generally parallel to the support web.
8. (currently amended) The combination ~~roof structure~~ of claim 14 ~~[[2]]~~, wherein the roof structure is manufactured by a pultrusion process, extrusion process, weldment process, rollform process, or a combination thereof.
9. (canceled)
10. (currently amended) The combination of claim 14 ~~[[9]]~~, wherein the roof panel includes a drip edge extending longitudinally along the interior surface of the roof panel.

11. (original) The combination of claim 10, wherein the drip edge extends parallel with the longitudinal axis of the roof panel.

12. (canceled)

13. (canceled)

14. (allowed) A roof panel and roof structure combination comprising:
at least one roof panel including an exterior surface and an interior surface, wherein the exterior surface of the roof panel includes an arcuate projection; and
a roof structure including an exposure surface having flanges projecting outward in opposing lateral directions, wherein at least one flange of the exposure surface of the roof structure includes an arcuate channel, the arcuate channel being configured to interface with the arcuate projection of the roof panel,
a collector including opposing lateral distal edges that upwardly extend from the collector, and
a support web integral with and perpendicularly bisecting the exposure surface and the collector, wherein the exposure surface is opposite the collector, and wherein the roof panel is closely adjacent to the support web, and the distal edges of the collector support the roof panel.

15. (allowed) The combination of claim 14, wherein the arcuate channel extends parallel to the longitudinal axis of the roof support.

16. (allowed) A roof panel and roof structure combination comprising:
at least one roof panel including an exterior surface and an interior surface; and
a roof structure having a modulus of elasticity of at least about 2,500,000 pounds per square inch including an exposure surface, a collector including opposing lateral distal edges that upwardly extend from the collector, a support web integral with and perpendicularly bisecting the exposure surface and the collector, wherein the exposure surface is opposite the collector, and wherein the roof panel is closely adjacent to the support web, and the distal edges of the collector support the roof panel.

17-27. (canceled)

28. (newly added) The combination of claim 16, wherein the distal edges upwardly extend from the collector at an angle of about 90 to 175 degrees.

29. (newly added) The combination of claim 16, wherein the distal edges upwardly extend from the collector at an angle of about 125 to 145 degrees.

30. (newly added) The combination of claim 16, wherein the collector has a depth greater than a maximum expected deflection of the roof structure.

31. (newly added) The combination of claim 16, wherein the distal edges are generally parallel to the support web.

32. (newly added) The combination of claim 16, wherein the roof structure is manufactured by a pultrusion process, extrusion process, weldment process, rollform process, or a combination thereof.

33. (newly added) The combination of claim 16, wherein the roof panel includes a drip edge.

34. (newly added) The combination of claim 33, wherein the drip edge extends longitudinally along the interior surface of the roof panel.

35. (newly added) The combination of claim 33, wherein the drip edge extends parallel with the longitudinal axis of the roof panel.

36. (newly added) The combination of claim 16, wherein the exposure surface includes flanges projecting outward in opposing lateral directions.

37. (newly added) The combination of claim 36, wherein at least one flange includes an arcuate channel, the arcuate channel being configured to interface with an arcuate projection on the roof panel.

38. (newly added) The combination of claim 37, wherein the arcuate channel extends parallel to the longitudinal axis of the roof structure.